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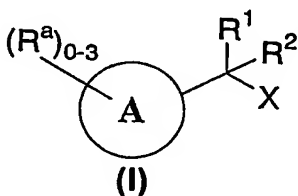
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(54) Title: GEMINALLY DI-SUBSTITUTED NSAID DERIVATIVES AS ABETA 42 LOWERING AGENTS

(57) Abstract: The present invention encompasses compounds of Formula I (I) or pharmaceutically acceptable salts thereof, wherein A is the base molecule of a propionic acid or acetic acid NSAID, or a derivative thereof, X is -CO₂H, 1H-tetrazol-5-yl or 2H-tetrazol-5-yl and R¹ and R² are each independently selected from the group consisting of: C₁₋₆alkyl and C₃₋₆cycloalkyl, as well as pharmaceutical composition comprising said compounds and methods of using said compounds. The compounds of the present invention lower the level of Aβ₄₂ and are therefore useful for preventing, delaying or reversing the progression of Alzheimer's Disease.